



# NITFS Compliance Registration



**Product:** TecELT, Version 6.1, Build November 21, 2003

**Sponsor:** BAE Systems

**Developer:** BAE Systems

**Date:** 22 July 2006  
**Expiration:** 21 July 2007  
**Registration #:** 2043

- ☐ Initial Registration  
☒ Supplemental/Update # 2024  
☐ Derived from Reg. #

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

### Format

#### NITF

- ☒ v2.1  
☒ v2.0  
☐ v1.1

#### NSIF

- ☐ v1.0

### Pixel Value Types

- ☒ Boolean  
☒ Integer  
☐ Signed Integer \*  
☐ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*  
☒ GM, 2301  
☒ GM, 2301A  
☒ Labels \*\*

### Text Segments

- ☒ STA  
☐ OUT1  
☐ U8S  
☒ OMTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☒ RGB/LUT  
☒ YCbCr  
☒ MULTI  
☐ NODISPLAY  
☐ POLAR

### Image Compression

- ☒ JPEG Lossy, 8-bit  
☒ JPEG Lossy, 12-bit  
☒ JPEG Downsample  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ Bi-Level  
☒ Vector Quantization  
☐ Multispectral JPEG, Individual Band

### Data Extension Segments

- ☒ TRE\_OVERFLOW  
☐ STREAMING\_FILE\_HEADER  
☒ Controlled Extensions \*\*  
☐ Registered Extensions \*\*

### Tagged Record Extensions

- ☐ ASDE  
☐ CSDE  
☐ Digest  
☐ GeoSDE  
☒ PDB  
☒ CHIPB  
☒ IOMAPA  
☒ NBLOCA  
☒ NSDE  
☐ PIAE  
☐ RPC00B  
☐ RPF  
☒ STDIDC  
☒ STREOB  
USE00A

## Configurations Tested:

-Sun Ultra 60 configured with Solaris 2.8

- Legend
- Interpret  
Generate
- ☒ Fully implemented  
☒ Partially implemented  
☐ Not implemented

EDWARD E. BOYLES II, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.